AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A device for controlling an amount of regenerative water to a dish washer having ion exchange resin for dropping hardness of washing water, and a regenerative water supply part for supplying regenerative water to restore a performance of the ion exchange resin, comprising:

a memory part for storing information on hardness values of washing water and time periods of regenerative water supply relevant to the hardness values;

an input part for providing the hardness value of the washing water intended to use; and

a display part for displaying information on a provided hardness value of washing water and the time period of regenerative water supply relevant to the hardness value; and

a controlling part for retrieving the time period of regenerative water supply relevant to the provided hardness value of the washing water from the memory part, controlling the display part to display a retrieved time period of regenerative water supply, and controlling the regenerative water supply part to supply the regenerative water for the time period of regenerative water supply.

2. (Canceled)

3. (Currently Amended) The device as claimed in claim 2claim 1, wherein the input part has a form of a knob, and the hardness value of the washing water decreases if the knob is turned to left, and the hardness value of the washing water increases if the knob is turned to right by operating the controlling part.

4. (Currently Amended) A method for controlling an amount of regenerative water to a dish washer having ion exchange resin for dropping hardness of washing water, and a regenerative water supply part for supplying regenerative water to restore a performance of the ion exchange resin, the method comprising the steps of:

receiving from an input part a hardness value of washing water intended to use;

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~~retrieving,~~retrieving from a memory part ~~and displaying~~ a time period of regenerative water supply relevant to a received hardness value of the washing water by operating a controlling part; and

supplying the regenerative water to the ion exchange resin for the retrieved time period of regenerative water supply by operating the controlling part.

5. (Currently Amended) The method as claimed in claim 4, wherein the step for receiving a hardness value of washing water intended to use includes the steps ~~of,~~of:

determining if a cycle mode selected by a user is a mode for setting an amount of regenerative water ~~supply,~~ supply by operating the controlling part;

displaying an initial hardness value of the washing water if the cycle mode selected by the user is the mode for setting an amount of regenerative water ~~supply,~~supply;

receiving from the memory part a new hardness value of the washing ~~water,~~water;

determining if the received hardness value of the washing water is ~~definitive,~~definitive by operating the controlling part; and

storing in the memory part a definitive hardness value of the washing water, if the hardness value of the washing water is definitive.

6.   (Currently Amended) The method as claimed in claim 5, wherein the step for receiving a hardness value of washing water intended to use further includes the step ~~of,~~of:

carrying out no mode for setting an amount of regenerative water supply, if the cycle mode selected by the user is not the mode for setting an amount of regenerative water supply, after the step of determining if a cycle mode selected by a user is a mode for setting an amount of regenerative water supply.

7.   (Currently Amended) The method as claimed in claim 5, wherein the step for receiving a hardness value of washing water intended to use further includes the step ~~of,~~of:

repeating the step of receiving a new hardness value of the washing water, if the hardness value of the washing water is not definitive, after the step of determining if the received hardness value of the washing water is definitive.

8. (Currently Amended) The method as claimed in claim 4, wherein the step of retrieving, and displaying a time period of regenerative water supply relevant to a received hardness value of the washing water includes the steps of;of:

determining if a cycle mode selected by the user is a dish washing mode,by operating the controlling part:

retrieving from the memory part a stored definitive hardness value of the washing water, if the cycle mode selected by the user is the dish washing mode,mode by operating the controlling part:

retrieving from the memory part a time period of regenerative water supply relevant to a retrieved definitive hardness value of the washing water,water by operating the controlling part; and

displaying the retrieved time period of regenerative water supply by operating the controlling part.

9. (Currently Amended) The method as claimed in claim 8, wherein the step of retrieving, and displaying a time period of regenerative water supply relevant to a received hardness value of the washing water further includes the steps of;of:

stopping operation ofoperating the controlling part to stop controlling an amount of regenerative water supply after step of determining if a cycle mode selected by the user is a dish washing mode, if the cycle mode selected by the user is not the dish washing mode.

10. (Currently Amended) A method for controlling an amount of regenerative water to a dish washer having ion exchange resin for dropping hardness of washing water, and a regenerative water supply part for supplying regenerative water to restore a performance of the ion exchange resin, the method comprising the steps of:

determining if a cycle mode selected by a user is a mode for setting an amount of regenerative water ~~supply,~~supply by operating a controlling part;

~~displaying an initial hardness value of the washing water if the cycle mode selected by the user is the mode for setting an amount of regenerative water supply;~~

receiving from an input part a new hardness value of the washing ~~water,~~water;

determining if the received hardness value of the washing water is ~~definitive,~~definitive by operating the controlling part;

storing in a memory part a definitive hardness value of the washing water, if the hardness value of the washing water is ~~definitive,~~definitive;

determining if a cycle mode selected by the user is a dish washing ~~mode,~~mode by operating the controlling part;

retrieving from the memory part a stored definitive hardness value of the washing water, if the cycle mode selected by the user is the dish washing ~~mode,~~mode by operating the controlling part;

retrieving from the memory part a time period of regenerative water supply relevant to a retrieved definitive hardness value of the washing ~~water,~~water by operating the controlling part; and

~~displaying the retrieved time period of regenerative water supply, and~~

supplying the regenerative water to the ion exchange resin according to the retrieved time period of regenerative water supply by operating the controlling part.

11. (Currently Amended) The method as claimed in claim 10, wherein the step for receiving a hardness value of washing water intended to use further includes the step ~~of,~~of:

carrying out no mode for setting an amount of regenerative water supply, if the cycle mode selected by the user is not the mode for setting an amount of regenerative water supply, after the step of determining if a cycle mode selected by a user is a mode for setting an amount of regenerative water supply.

12. (Currently Amended) The method as claimed in claim 10, wherein the step for receiving a hardness value of washing water intended to use further includes the step of;of:

repeating the step of receiving a new hardness value of the washing water, if the hardness value of the washing water is not definitive, after the step of determining if the received hardness value of the washing water is definitive.

13. (Currently Amended) The method as claimed in claim 10, wherein the step of retrieving, and displaying a time period of regenerative water supply relevant to a received hardness value of the washing water further includes the steps of;of:

operating the controlling part to stop stopping operation of controlling an amount of regenerative water supply after step of determining if a cycle mode selected by the user is a dish washing mode, if the cycle mode selected by the user is not the dish washing mode.

14. (New) The device as claimed in claim 1, further comprising a display part for displaying information on a provided hardness value of washing water and the time period of regenerative water supply relevant to the hardness value and the controlling part controlling the display part to display the retrieved time period.

15. (New) The device as claimed in claim 14, wherein the input part has a form of a knob, and the hardness value of the washing water increases if the knob is turned to right.

16. (New) The method as claimed in claim 10, further comprising the steps of:

displaying on a display part an initial hardness value of the washing water if the cycle mode selected by the user is the mode for setting an amount of regenerative water supply before the step of receiving a hardness value of the washing water; and

displaying on the display part the retrieved time period of regenerative water supply by operating of the controlling part before the step of supplying the regenerative water to the ion exchange resin according to the retrieved time period of regenerative water supply.

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17. (New) The method as claimed in claim 16, wherein the step of retrieving and displaying a time period of regenerative water supply relevant to a second hardness value of the washing water further includes the step of:

operating the controlling part to stop controlling an amount of regenerative water supply after step of determining if a cycle mode selected by the user is a dish washing mode, if the cycle mode selected by the user is not the dish washing mode.

18. (New) The method as claimed in claim 16, wherein the step for receiving a hardness value of washing water intended to use further includes the step of:

carrying out no mode for setting an amount of regenerative water supply, if the cycle mode selected by the user is not the mode for setting an amount of regenerative water supply, after the step of determining if a cycle mode selected by a user is a mode for setting an amount of regenerative water supply.

19. (New) The method as claimed in claim 16, wherein the step for receiving a hardness value of washing water intended to use further includes the step of:

repeating the step of receiving a new hardness value of the washing water, if the hardness value of the washing water is not definitive, after the step of determining if the received hardness value of the washing water is definitive.

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